NOTES TO THE ENGINEER OF RECORD:

1. ENGINEER OF RECORD SHALL INSPECT POST-INSTALLED SHEAR DOVELS, SIZE, SPACING, EDGE DISTANCE, EMBEDMENT (MRI) AND PROTRUDING LENGTH ON CONSTRUCTION DOCUMENTS.

2. DOVELS SHALL BE CONCAVE-O.03 GR. 400.

3. ANCHORING SYSTEM IS HILTI HIT-RE 500V3 EPOXY ANCHORING SYSTEM. INSTALL AS PER MANUFACTURER’S PRINTED INSTALLATION INSTRUCTIONS (MRI). PERMISSIBLE CONCRETE TEMPERATURE RANGE FOR INSTALLATION: -5°C-41°C. CONCRETE SHALL BE DRY DURING DOVEL INSTALLATION.

4. DRILL HOLES USING THE HILTI HOLLOW DRILL BIT SAFESET TECHNOLOGY.

5. LOCATE EXISTING REINFORCING PRIOR TO DRILLING. DO NOT DAMAGE (E).


8. POST-INSTALLED REINFORCING BAR CONNECTIONS IN CONCRETE ARE GOVERNED BY CSA A23.3 AND THE NBC OF CANADA. THE POST-INSTALLED REINFORCING BAR SYSTEM IS AN ALTERNATIVE TO CAST-IN-PLACE REINFORCING BARS DESIGNED AND TESTED BY CSA A23.3 AND THE NBC OF CANADA.

9. THE SYSTEM ANCHOR SYSTEM SHALL BE TESTED IN ACCORDANCE WITH THE ICC-E&S ACCEPTANCE CRITERIA FOR POST-INSTALLED ANCHORS AND BARS IN CONCRETE ELEMENTS (AC395). TABLE 3B. TECHNICAL DATA SHALL BE PUBLISHED IN AN ICC-E&S EVALUATION SERVICE REPORT.

10. HILTI HIT-HY 200 SAFESET SYSTEM EPOXY ANCHORS AND POST-INSTALLED REINFORCING BARS THAT ARE SPECIFIED BY CAN/CSA-G30.18 GR. 400 CANADA.

GENERAL NOTES FOR POST-INSTALLED REBAR:

1. POST-INSTALLED REINFORCING BAR CONNECTIONS IN CONCRETE ARE GOVERNED BY CSA A23.3 AND THE NBC OF CANADA. THE POST-INSTALLED REINFORCING BAR SYSTEM IS AN ALTERNATIVE TO CAST-IN-PLACE REINFORCING BARS DESIGNED AND TESTED BY CSA A23.3 AND THE NBC OF CANADA.


